

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	553	(clothianidin or imidacloprid or thiacloprid).clm.	US-PGPUB; USPAT	OR	OFF	2011/08/25 17:20
L5	33	((CHRISTIAN) near2 (FUNKE)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/25 17:21
L6	388	((REINER) near2 (FISCHER)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/25 17:21
L7	82	((RUDIGER) near2 (FISCHER)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/25 17:21
L8	90	((HEIKE) near2 (HUNGENBERG)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/25 17:21
L9	193	((WOLFRAM) near2 (ANDERSCH)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/25 17:21
L10	80	((WOLFGANG) near2 (THIELERT)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/25 17:21
L11	27	((ANTON) near2 (KRAUS)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/25 17:21
L12	6	"I1" and (L5 or L6 or L7 or L8 or L9 or L10 or L11)	US-PGPUB; USPAT	OR	OFF	2011/08/25 17:21
S1	19	((heike) near2 (hungenberg)).inv.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 13:09
S2	0	"2002115564".pn.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 16:50
S3	1	"20020115564".pn.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 16:51
S4	104	((astrid) near2 (mauler-machnik)).inv.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 17:30
S5	15	((CHRISTIAN) near2 (FUNKE)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:14
S6	287	((REINER) near2 (FISCHER)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:14
S7	54	((RUDIGER) near2 (FISCHER)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:14
S8	19	((HEIKE) near2 (HUNGENBERG)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:14
S9	141	((WOLFRAM) near2 (ANDERSCH)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:14
S10	141	((WOLFRAM) near2 (ANDERSCH)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:15
S11	27	((WOLFGANG) near2 (THIELERT)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:15
S12	16	((ANTON) near2 (KRAUS)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:15

## EAST Search History (Prior Art)

S13	42	((CHRISTIAN) near2 (FUNKE)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/04/21 18:15
S14	248	((REINER) near2 (FISCHER)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/04/21 18:15
S15	2	((RUDIGER) near2 (FISCHER)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/04/21 18:15
S16	75	((HEIKE) near2 (HUNGENBERG)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/04/21 18:16
S17	111	((WOLFRAM) near2 (ANDERSCH)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/04/21 18:16
S18	78	((WOLFGANG) near2 (THIELERT)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/04/21 18:16
S19	36	((ANTON) near2 (KRAUS)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/04/21 18:16
S20	36	((ANTON) near2 (KRAUS)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/04/21 18:16
S21	1	"4918086".pn.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:17
S22	1	"4948798".pn.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:17
S23	1	"5034404".pn.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:17
S24	1	"5039686".pn.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:18
S25	1	"5532365".pn.	US-PGPUB; USPAT	ADJ	ON	2009/04/21 18:18
S26	10	US-5661164-\$.DID. OR US-5972971-\$.DID. OR US-5994331-\$.DID. OR US-6114362-\$. DID. OR US-6372737-\$.DID. OR US-20070142327-\$.DID. OR US-20070270416-\$.DID. OR US-20080027114-\$.DID. OR US-20080070863-\$.DID. OR US-20040063703-\$.DID.	US-PGPUB; USPAT	OR	OFF	2009/12/31 08:07
S27	1	"1995000303".pn.	EPO; JPO; DERWENT	OR	OFF	2009/12/31 08:12
S28	4	"2000005959".pn.	EPO; JPO; DERWENT	OR	OFF	2009/12/31 08:13
S29	4	"2002056691".pn.	EPO; JPO; DERWENT	OR	OFF	2009/12/31 08:14
S30	20	((CHRISTIAN) near2 (FUNKE)).INV.	US-PGPUB; USPAT	OR	OFF	2009/12/31 08:15
S31	310	((REINER) near2 (FISCHER)).INV.	US-PGPUB; USPAT	OR	OFF	2009/12/31 08:15
S32	60	((RUDIGER) near2 (FISCHER)).INV.	US-PGPUB; USPAT	OR	OFF	2009/12/31 08:16

## EAST Search History (Prior Art)

S33	30	((HEIKE) near2 (HUNGENBERG)).INV.	US-PGPUB; USPAT	OR	OFF	2009/12/31 08:16
S34	147	((WOLFRAM) near2 (ANDERSCH)).INV.	US-PGPUB; USPAT	OR	OFF	2009/12/31 08:16
S35	38	((WOLFGANG) near2 (THIELERT)).INV.	US-PGPUB; USPAT	OR	OFF	2009/12/31 08:16
S36	18	((ANTON) near2 (KRAUS)).INV.	US-PGPUB; USPAT	OR	OFF	2009/12/31 08:16
S37	14	S30 not S36	US-PGPUB; USPAT	OR	OFF	2009/12/31 08:21
S38	12	S36 not S30	US-PGPUB; USPAT	OR	OFF	2009/12/31 08:21
S39	3594	514/406,439,444.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/31 10:14
S40	525	S39 and (pesticid\$4 or insecticid\$ or \$5biocid\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/31 10:15
S41	282	S40 and (enhance\$4 or synerg\$8)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/31 10:15
S42	0	S41 and (coragen)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/31 10:16
S43	124	S41 and (imidacloprid or thiacloprid or clothidin)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/31 10:16
S44	121	S43 and (crop\$1 or plant\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/31 10:17
S45	920	504/139,149,266,281.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/31 10:17
S46	537	S45 and (pesticid\$4 or insecticid\$3 or \$5biocid\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/31 10:17
S47	316	S46 and (enhance\$4 or synerg\$8)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/31 10:18
S48	0	S47 and (coragen)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/31 10:18
S49	40	S47 and (imidacloprid or thiacloprid or clothidin)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/31 10:18
S50	121	S39 and S44	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/31 10:18

## EAST Search History (Prior Art)

S51	26	clothianidin with synerg\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/01/05 11:14
S52	9	clothianidin with anthranilamide\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/01/05 11:18
S53	19	clothianidin same anthranilamide\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/01/05 11:18
S54	120	clothianidin and anthranilamide\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/01/05 11:19
S55	260	clothianidin.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/01/05 11:35
S56	124	S55 and synerg\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/01/05 11:35
S57	108	anthranilamide\$1 and (nicotinoyl or neonicotin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/01/05 11:53
S58	73	S57 and synerg\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/01/05 11:53
S59	3459	imidacloprid or thiacloprid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/01/05 13:04
S60	1870	S59 and synerg\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/01/05 13:05

## EAST Search History (Prior Art)

S61	96	S60 and anthranilamide\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/01/05 13:05
S62	1	"6559136".pn.	US-PGPUB; USPAT	ADJ	ON	2010/01/05 13:34
S63	24	((CHRISTIAN) near2 (FUNKE)).INV.	US-PGPUB; USPAT	OR	OFF	2010/07/06 15:32
S64	330	((REINER) near2 (FISCHER)).INV.	US-PGPUB; USPAT	OR	OFF	2010/07/06 15:32
S65	66	((RUDIGER) near2 (FISCHER)).INV.	US-PGPUB; USPAT	OR	OFF	2010/07/06 15:33
S66	53	((HEIKE) near2 (HUNGENBERG)).INV.	US-PGPUB; USPAT	OR	OFF	2010/07/06 15:33
S67	162	((WOLFRAM) near2 (ANDERSCH)).INV.	US-PGPUB; USPAT	OR	OFF	2010/07/06 15:33
S68	56	((WOLFGANG) near2 (THIELERT)).INV.	US-PGPUB; USPAT	OR	OFF	2010/07/06 15:33
S69	21	((ANTON) near2 (KRAUS)).INV.	US-PGPUB; USPAT	OR	OFF	2010/07/06 15:34
S70	43	((CHRISTIAN) near2 (FUNKE)).INV.	EPO; JPO; DERWENT	OR	OFF	2010/07/06 15:34
S71	251	((REINER) near2 (FISCHER)).INV.	EPO; JPO; DERWENT	OR	OFF	2010/07/06 15:34
S72	2	((RUDIGER) near2 (FISCHER)).INV.	EPO; JPO; DERWENT	OR	OFF	2010/07/06 15:34
S73	75	((HEIKE) near2 (HUNGENBERG)).INV.	EPO; JPO; DERWENT	OR	OFF	2010/07/06 15:35
S74	114	((WOLFRAM) near2 (ANDERSCH)).INV.	EPO; JPO; DERWENT	OR	OFF	2010/07/06 15:35
S75	78	((WOLFGANG) near2 (THIELERT)).INV.	EPO; JPO; DERWENT	OR	OFF	2010/07/06 15:35
S76	36	((ANTON) near2 (KRAUS)).INV.	EPO; JPO; DERWENT	OR	OFF	2010/07/06 15:35
S77	5	"2005048712".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/14 15:39
S78	5	"2005048713".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/14 15:40

## EAST Search History (Prior Art)

S79	5	"2005053393".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/14 15:40
S80	5	"2005053405".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/14 15:41
S81	5	"2005053406".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/14 15:41
S82	4	"2002048115".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/14 15:42
S83	4	"2003015518".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/14 15:43
S84	4	"2003015519".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/14 15:45
S85	4	"2003024222".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/14 15:46
S86	4	"2003027099".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/14 15:48
S87	5	"2004046129".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/14 15:50
S88	5	"2004067528".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/14 15:52

## EAST Search History (Prior Art)

S89	564	504/139,280.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:04
S90	2893	514/406.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:04
S91	18	S89 and S90	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:04
S92	110184	pesticid\$3 or herbicid\$3 or insecticid\$3 or acaricid\$3 or bactericid\$3.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:05
S93	526	S89 and S92	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:05
S94	489	S90 and S92	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:05
S95	5695050	combination\$1 or combine\$1 or synerg\$6 or enhanc\$6	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:06
S96	473	S93 and S95	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:06
S97	452	S94 and S95	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:06
S98	396317	thiacloprid or calypso or biscaya or bariard or imidacloprid or genesis or merit or premis or imicide or grubex or comodori or admire or clothianidin or apacz or arena or belay or celero or clutch or dantotsu or dantotsu or poncho or takeloc or belay	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:10
S99	51	S96 and S98	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:10
S100	151	S97 and S98	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:10
S101	145	S100 not S99	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/14 16:31

## EAST Search History (Prior Art)

S10 2	15	US-4590272-\$.DID. OR US-4647570-\$.DID. OR US-4678795-\$.DID. OR US-4772620-\$. DID. OR US-4803277-\$.DID. OR US-4806553-\$.DID. OR US-4849432-\$.DID. OR US-4914113-\$.DID. OR US-4918086-\$. DID. OR US-4918088-\$.DID. OR US-4948798-\$.DID. OR US-4963572-\$.DID. OR US-4963574-\$.DID. OR US-5852012-\$. DID. OR US-7884049-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/16 12:33
S10 3	1	"20100168042".PN.	US-PGPUB; USPAT	OR	OFF	2011/08/16 12:34
S10 4	1	"20100249070".PN.	US-PGPUB; USPAT	OR	OFF	2011/08/16 12:34
S10 5	1	"20100292226".PN.	US-PGPUB; USPAT	OR	OFF	2011/08/16 12:35
S10 6	33	((CHRISTIAN) near2 (FUNKE)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/16 12:49
S10 7	388	((REINER) near2 (FISCHER)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/16 12:49
S10 8	82	((RUDIGER) near2 (FISCHER)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/16 12:50
S10 9	90	((HEIKE) near2 (HUNGENBERG)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/16 12:50
S11 0	193	((WOLFRAM) near2 (ANDERSCH)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/16 12:50
S11 1	80	((WOLFGANG) near2 (THIELERT)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/16 12:50
S11 2	27	((ANTON) near2 (KRAUS)).INV.	US-PGPUB; USPAT	OR	OFF	2011/08/16 12:50
S11 3	50	((CHRISTIAN) near2 (FUNKE)).INV.	EPO; JPO; DERWENT	OR	OFF	2011/08/16 12:51
S11 4	288	((REINER) near2 (FISCHER)).INV.	EPO; JPO; DERWENT	OR	OFF	2011/08/16 12:51
S11 5	2	((RUDIGER) near2 (FISCHER)).INV.	EPO; JPO; DERWENT	OR	OFF	2011/08/16 12:51
S11 6	131	((HEIKE) near2 (HUNGENBERG)).INV.	EPO; JPO; DERWENT	OR	OFF	2011/08/16 12:51
S11 7	135	((WOLFRAM) near2 (ANDERSCH)).INV.	EPO; JPO; DERWENT	OR	OFF	2011/08/16 12:51
S11 8	113	((WOLFGANG) near2 (THIELERT)).INV.	EPO; JPO; DERWENT	OR	OFF	2011/08/16 12:52
S11 9	42	((ANTON) near2 (KRAUS)).INV.	EPO; JPO; DERWENT	OR	OFF	2011/08/16 12:52
S12 0	18221	BAYER.AS.	US-PGPUB; USPAT	OR	OFF	2011/08/16 12:52
S12 1	1090	546/275.4.ccls.	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:25



## EAST Search History (Prior Art)

S12 2	2608	548/190,202,314.7,364.1.ccls.	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:26
S12 3	790	504/130,139,149.ccls.	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:26
S12 4	3540	S121 or S122	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:26
S12 5	8	S123 and S124	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:26
S12 6	107772	(pest\$8 or herb\$8 or insect\$7 or phytopath\$7 or plant\$1 or fungal or fungus or fungicid\$3).ab.	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:32
S12 7	3540	S121 or S122	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:32
S12 8	470	S124 and S126	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:32
S12 9	347854	(synerg\$7 or combin\$7).ab.	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:33
S13 0	13	S128 and S129	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:33
S13 1	18221	BAYER.AS.	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:42
S13 2	206	S124 and S131	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:42
S13 3	110	S126 and S132	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:42
S13 4	2	S129 and S133	US-PGPUB; USPAT	OR	OFF	2011/08/16 15:42